

CLAIMS

What is claimed is:

- 5 1. An event timer having an adaptable interval for potty training for children comprising:
- 10 a. an adaptable timer for cumulatively adapting timing intervals to the timing needs of a particular event type in response to user input;
- b. an input including at least one button coupled with the adaptable timer for providing user input to the adaptable timer indicating the occurrence of an event;
- 15 c. an output connected with the adaptable timer for signaling the expiration of a timing interval, whereby the user input is used by the timer to adjust timing intervals based on the frequency of the occurrence of the event to more closely approximate the frequency of the occurrence of the event.
- 20 2. An event timer having an adaptable interval for potty training for children as set forth in claim 1, wherein the event timer further comprises a clock having a display for showing the time.
- 25 3. An event timer having an adaptable interval for potty training for children as set forth in claim 2, wherein the event timer is in a form selected from the group consisting of a watch, a clock having a clip for attaching to clothing, a necklace, a belt, a doll, an animal, and a vehicle.
- 30 4. An event timer having an adaptable interval for potty training for children as set forth in claim 3, wherein the output of the event timer comprises a plurality of motion lights that strobe on and off in a predetermined order in response to the expiration of a timing interval.

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5. An event timer having an adaptable interval for potty training for children as set forth in claim 4, wherein the output of the event timer comprises a speaker that sounds in response to the expiration of a timing interval.
- 5 6. An event timer having an adaptable interval for potty training for children as set forth in claim 5, wherein the input of the event timer is adapted for receiving sound cartridges to provide interchangeable sounds for output through the speaker in response to the expiration of a timing interval.
- 10 7. An event timer having an adaptable interval for potty training for children as set forth in claim 6, wherein the adaptable timer includes preset timing intervals adapted for assisting in child potty training.
- 15 8. An event timer having an adaptable interval for potty training for children as set forth in claim 1, wherein the adaptable timer is operative for dividing a period of time into partitions, and where each partition is divided into timing intervals by dividing the partition time length by the average number of events occurring during the periodic passing of the partition.
- 20 9. An event timer having an adaptable interval for potty training for children as set forth in claim 2, wherein the period of time and the partitions are determined by user input.
- 25 10. An event timer having an adaptable interval for potty training for children as set forth in claim 9, wherein the event timer further comprises a clock having a display for showing the time.
- 30 11. An event timer having an adaptable interval for potty training for children as set forth in claim 10, wherein the event timer is in a form selected from the group consisting of a watch, a clock having a clip for attaching to clothing, a necklace, a belt, a doll, an animal, and a vehicle.

12. An event timer having an adaptable interval for potty training for children as set forth in claim 11, wherein the output of the event timer comprises a plurality of motion lights that strobe on and off in a predetermined order in response to the expiration of a timing interval.

13. An event timer having an adaptable interval for potty training for children as set forth in claim 12, wherein the output of the event timer comprises a speaker that sounds in response to the expiration of a timing interval.

14. An event timer having an adaptable interval for potty training for children as set forth in claim 13, wherein the input of the event timer is adapted for receiving sound cartridges to provide interchangeable sounds for output through the speaker in response to the expiration of a timing interval.

15. An event timer having an adaptable interval for potty training for children as set forth in claim 14, wherein the adaptable timer includes preset timing intervals adapted for assisting in child potty training.

16. An event timer having an adaptable interval for potty training for children as set forth in claim 8, wherein the period of time is a 24 hour interval, and wherein the partitions each consist of 3 hours, whereby as each 24 hour interval passes, each 3 hour partition is divided by the cumulative average number of occurrences of the event in that particular partition to determine the timing intervals for that partition.

17. An event timer having an adaptable interval for potty training for children as set forth in claim 16, wherein the cumulative average number of occurrences used for determining the timing intervals for that partition is weighted such that occurrences of the event during more recent occurrences of the partition are given greater weight in determining the timing intervals for that partition.

18. An event timer having an adaptable interval for potty training for children as set forth in claim 16, wherein the cumulative average number of event occurrences used for determining the timing intervals for each partition is a cumulative average number of occurrences of the event the over a user-selectable period, whereby a user may determine the time period over which the number of event occurrences is averaged in order to adjust the response of the adaptable timer to recent changes in the frequency of occurrence of an event.

19. An event timer having an adaptable interval for potty training for children as set forth in claim 18, wherein the event timer further comprises a clock having a display for showing the time.

20. An event timer having an adaptable interval for potty training for children as set forth in claim 19, wherein the event timer is in a form selected from the group consisting of a watch, a clock having a clip for attaching to clothing, a necklace, a belt, a doll, an animal, and a vehicle.

21. An event timer having an adaptable interval for potty training for children as set forth in claim 20, wherein the output of the event timer comprises a plurality of motion lights that strobe on and off in a predetermined order in response to the expiration of a timing interval.

22. An event timer having an adaptable interval for potty training for children as set forth in claim 21, wherein the output of the event timer comprises a speaker that sounds in response to the expiration of a timing interval.

23. An event timer having an adaptable interval for potty training for children as set forth in claim 22, wherein the input of the event timer is adapted for receiving sound

cartridges to provide interchangeable sounds for output through the speaker in response to the expiration of a timing interval.

24. An event timer having an adaptable interval for potty training for children as set forth in claim 23, wherein the adaptable timer includes preset timing intervals adapted for assisting in child potty training.

25. An event timer having an adaptable interval for potty training for children as set forth in claim 16, wherein the cumulative average number of event occurrences used for determining the timing intervals for each partition is a cumulative average number of occurrences of the event the over a two-week period.

26. An event timer having an adaptable interval for potty training for children as set forth in claim 25, wherein the event timer further comprises a clock having a display for showing the time.

27. An event timer having an adaptable interval for potty training for children as set forth in claim 26, wherein the event timer is in a form selected from the group consisting of a watch, a clock having a clip for attaching to clothing, a necklace, a belt, a doll, an animal, and a vehicle.

28. An event timer having an adaptable interval for potty training for children as set forth in claim 27, wherein the output of the event timer comprises a plurality of motion lights that strobe on and off in a predetermined order in response to the expiration of a timing interval.

29. An event timer having an adaptable interval for potty training for children as set forth in claim 28, wherein the output of the event timer comprises a speaker that sounds in response to the expiration of a timing interval.

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30. An event timer having an adaptable interval for potty training for children as set forth in claim 29, wherein the input of the event timer is adapted for receiving sound cartridges to provide interchangeable sounds for output through the speaker in response to the expiration of a timing interval.

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31. An event timer having an adaptable interval for potty training for children as set forth in claim 30, wherein the adaptable timer includes preset timing intervals adapted for assisting in child potty training.